

WEST Search History

DATE: Thursday, June 26, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L4	L2 with class	3	L4
L3	L2 with ii	0	L3
L2	L1 with human	57	L2
L1	histone adj2 deacetylase	415	L1

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 6548479 B1

L4: Entry 1 of 3

File: USPT

Apr 15, 2003

US-PAT-NO: 6548479

DOCUMENT-IDENTIFIER: US 6548479 B1

TITLE: Therapeutic uses of depsipeptides and congeners thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 2. Document ID: US 6541661 B1

L4: Entry 2 of 3

File: USPT

Apr 1, 2003

US-PAT-NO: 6541661

DOCUMENT-IDENTIFIER: US 6541661 B1

TITLE: Inhibitors of histone deacetylase

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

☐ 3. Document ID: US 6403555 B1

L4: Entry 3 of 3

File: USPT

Jun 11, 2002

US-PAT-NO: 6403555

DOCUMENT-IDENTIFIER: US 6403555 B1

TITLE: Depsipeptide and congeners thereof for use as immunosuppressants

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

[Generate Collection](#)[Print](#)

Terms	Documents
L2 with class	3

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal800exs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAFULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and
right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

MACINTOSH VERSION V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:58:31 ON 26 JUN 2003

=> fil .eliz

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 16:58:43 ON 26 JUN 2003

FILE 'SCISEARCH' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT 2003 THOMSON ISI

FILE 'LIFESCI' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOSIS' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

FILE 'HCAPLUS' ENTERED AT 16:58:43 ON 26 JUN 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'NTIS' ENTERED AT 16:58:43 ON 26 JUN 2003

Compiled and distributed by the NTIS, U.S. Department of Commerce.

It contains copyrighted material.

All rights reserved. (2003)

FILE 'ESBIOBASE' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOTECHNO' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'WPIDS' ENTERED AT 16:58:43 ON 26 JUN 2003

COPYRIGHT (C) 2003 THOMSON DERWENT

=> s histone (2a) deacetylase

L1 14561 HISTONE (2A) DEACETYLASE

=> s l1 (5a) human

6 FILES SEARCHED...

L2 815 L1 (5A) HUMAN

```

=> s l2 and class
L3      138 L2 AND CLASS

=> s l3 and (gene or dna or nucle?)
5 FILES SEARCHED...
9 FILES SEARCHED...
L4      122 L3 AND (GENE OR DNA OR NUCLE?)

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5      56 DUP REM L4 (66 DUPLICATES REMOVED)

=> d 1-10

L5      ANSWER 1 OF 56 HCAPLUS  COPYRIGHT 2003 ACS
AN      2003:323241 HCAPLUS
TI      The Histone Deacetylase 9 Gene Encodes Multiple Protein Isoforms
AU      Petrie, Kevin; Guidez, Fabien; Howell, Louise; Healy, Lyn; Waxman, Samuel;
        Greaves, Mel; Zelent, Arthur
CS      Leukemia Research Fund Centre at the Institute of Cancer Research, London,
        SW3 6JB, UK
SO      Journal of Biological Chemistry (2003), 278(18), 16059-16072
        CODEN: JBCHA3; ISSN: 0021-9258
PB      American Society for Biochemistry and Molecular Biology
DT      Journal
LA      English
RE.CNT  85      THERE ARE 85 CITED REFERENCES AVAILABLE FOR THIS RECORD
        ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5      ANSWER 2 OF 56 HCAPLUS  COPYRIGHT 2003 ACS
AN      2003:325613 HCAPLUS
DN      138:367374
TI      Histone deacetylase 1/mSin3A disrupts gamma interferon-induced CIITA
        function and major histocompatibility complex class II
        enhanceosome formation
AU      Zika, Eleni; Greer, Susanna F.; Zhu, Xin-Sheng; Ting, Jenny P.-Y.
CS      Curriculum in Genetics and Molecular Biology, The University of North
        Carolina at Chapel Hill, Chapel Hill, NC, 27599, USA
SO      Molecular and Cellular Biology (2003), 23(9), 3091-3102
        CODEN: MCEBD4; ISSN: 0270-7306
PB      American Society for Microbiology
DT      Journal
LA      English
RE.CNT  59      THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
        ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5      ANSWER 3 OF 56 SCISEARCH  COPYRIGHT 2003 THOMSON ISI
AN      2003:96783 SCISEARCH
GA      The Genuine Article (R) Number: 636NK
TI      Histone deacetylase 3 binds to and regulates the multifunctional
        transcription factor TFII-I
AU      Wen Y D; Cress W D; Roy A L; Seto E (Reprint)
CS      Univ S Florida, H Lee Moffit Canc Ctr & Res Inst, Interdisciplinary Oncol
        Program, 12902 Magnolia Dr, Tampa, FL 33612 USA (Reprint); Univ S Florida,
        H Lee Moffit Canc Ctr & Res Inst, Interdisciplinary Oncol Program, Tampa,
        FL 33612 USA; Tufts Univ, Sch Med, Dept Pathol, Boston, MA 02111 USA
CYA     USA
SO      JOURNAL OF BIOLOGICAL CHEMISTRY, (17 JAN 2003) Vol. 278, No. 3, pp.
        1841-1847.
        Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
        PIKE, BETHESDA, MD 20814-3996 USA.
        ISSN: 0021-9258.
DT      Article; Journal
LA      English
REC      Reference Count: 30
        *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L5      ANSWER 4 OF 56 SCISEARCH  COPYRIGHT 2003 THOMSON ISI

```

AN 2003:312973 SCISEARCH
GA The Genuine Article (R) Number: 663MA
TI Histone deacetylase 4 interacts with 53BP1 to mediate the DNA
damage response
AU Kao G D (Reprint); McKenna W G; Guenther M G; Muschel R J; Lazar M A; Yen
T J
CS Hosp Univ Penn, Dept Radiat Oncol, 3400 Spruce St, 2 Donner, Philadelphia,
PA 19104 USA (Reprint); Univ Penn, Sch Med, Dept Radiat Oncol,
Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept Med, Div Endocrinol
Diabet & Metab, Philadelphia, PA 19104 USA; Univ Penn, Sch Med, Dept
Pathol & Lab Med, Philadelphia, PA 19104 USA; Fox Chase Canc Ctr,
Philadelphia, PA 19111 USA
CYA USA
SO JOURNAL OF CELL BIOLOGY, (31 MAR 2003) Vol. 160, No. 7, pp. 1017-1027.
Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY
10021 USA.
ISSN: 0021-9525.
DT Article; Journal
LA English
REC Reference Count: 57
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 5 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2003:284866 HCAPLUS
TI Molecular characterization of a familial translocation implicates
disruption of HDAC9 and possible position effect on TGF.beta.2 in the
pathogenesis of Peters' anomaly
AU David, Dezso; Cardoso, Joana; Marques, Barbara; Marques, Ramira; Silva,
Eduardo D.; Santos, Heloisa; Boavida, Maria G.
CS Centro de Genetica Humana, Instituto Nacional de Saude Dr. Ricardo Jorge,
Lisbon, 1649-016, Port.
SO Genomics (2003), 81(5), 489-503
CODEN: GNMCEP; ISSN: 0888-7543
PB Elsevier Science
DT Journal
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2003:274208 HCAPLUS
DN 138:397845
TI Association of **class** I histone deacetylases with transcriptional
corepressor CtBP
AU Subramanian, T.; Chinnadurai, G.
CS Institute for Molecular Virology, Saint Louis University Health Sciences
Center, St. Louis, MO, 63110, USA
SO FEBS Letters (2003), 540(1-3), 255-258
CODEN: FEBLAL; ISSN: 0014-5793
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 56 MEDLINE
AN 2003265428 IN-PROCESS
DN 22676191 PubMed ID: 12792815
TI Cloning and structural characterization of the **human**
histone deacetylase 6 gene.
AU Voelter-Mahlknecht Susanne; Mahlknecht Ulrich
CS Department of Hematology/Oncology, University of Frankfurt Medical Center,
D-60590 Frankfurt, Germany.
SO INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, (2003 Jul) 12 (1) 87-93.
Journal code: 9810955. ISSN: 1107-3756.
CY Greece
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals

ED Entered STN: 20030608
Last Updated on STN: 20030608

L5 ANSWER 8 OF 56 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 1
AN 2003:294079 SCISEARCH
GA The Genuine Article (R) Number: 662ZM
TI Modulation of splicing events in histone deacetylase 3 by various
extracellular and signal transduction pathways
AU Gray S G; Iglesias A H; Teh B T; Dangond F (Reprint)
CS Brigham & Womens Hosp Labs, Ctr Neurol Dis, Lab Transcript & Immune
Regulat, 65 Landsdowne St, 3rd Floor, Cambridge, MA 02139 USA (Reprint);
Brigham & Womens Hosp Labs, Ctr Neurol Dis, Lab Transcript & Immune
Regulat, Cambridge, MA 02139 USA; Canc Res Lab, Van Andel Res Inst, Grand
Rapids, MI 49503 USA
CYA USA
SO GENE EXPRESSION, (JAN 2003) Vol. 11, No. 1, pp. 13-21.
Publisher: COGNIZANT COMMUNICATION CORP, 3 HARTSDALE ROAD, ELMSFORD, NY
10523-3701 USA.
ISSN: 1052-2166.
DT Article; Journal
LA English
REC Reference Count: 33
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 9 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:879599 HCAPLUS
DN 138:133642
TI Inhibition of Silencing and Accelerated Aging by Nicotinamide, a Putative
Negative Regulator of Yeast Sir2 and Human SIRT1
AU Bitterman, Kevin J.; Anderson, Rozalyn M.; Cohen, Haim Y.;
Latorre-Esteves, Magda; Sinclair, David A.
CS Department of Pathology, Harvard Medical School, Boston, MA, 02115, USA
SO Journal of Biological Chemistry (2002), 277(47), 45099-45107
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 56 MEDLINE DUPLICATE 2
AN 2002357329 MEDLINE
DN 22095522 PubMed ID: 11948178
TI Cloning and functional characterization of HDAC11, a novel member of the
human histone deacetylase family.
AU Gao Lin; Cueto Maria A; Asselbergs Fred; Atadja Peter
CS Department of Oncology, Novartis Pharmaceuticals Corporation, Summit, New
Jersey 07901, USA.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jul 12) 277 (28) 25748-55.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200208
ED Entered STN: 20020709
Last Updated on STN: 20030105
Entered Medline: 20020812

=> d 11-20

L5 ANSWER 11 OF 56 MEDLINE DUPLICATE 3
AN 2002154759 MEDLINE
DN 21883928 PubMed ID: 11777905
TI **Human class I histone deacetylase**
complexes show enhanced catalytic activity in the presence of ATP and
co-immunoprecipitate with the ATP-dependent chaperone protein Hsp70.
AU Johnson Colin A; White Darren A; Lavender Jayne S; O'Neill Laura P; Turner

Bryan M
CS Chromatin and Gene Expression Group, Department of Anatomy, University of
Birmingham Medical School, Birmingham B15 2TT, United Kingdom.
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Mar 15) 277 (11) 9590-7.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200204
ED Entered STN: 20020312
Last Updated on STN: 20030105
Entered Medline: 20020405

L5 ANSWER 12 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:756171 HCAPLUS
DN 138:50735
TI Association of **class** II histone deacetylases with
heterochromatin protein 1: potential role for histone methylation in
control of muscle differentiation
AU Zhang, Chun Li; McKinsey, Timothy A.; Olson, Eric N.
CS Department of Molecular Biology, University of Texas Southwestern Medical
Center, Dallas, TX, 75390-9148, USA
SO Molecular and Cellular Biology (2002), 22(20), 7302-7312
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:198939 HCAPLUS
DN 136:351984
TI Isolation and characterization of a novel **class** II histone
deacetylase, HDAC10
AU Fischer, Denise D.; Cai, Richard; Bhatia, Umesh; Asselbergs, Fred A. M.;
Song, Chuangzheng; Terry, Robert; Trogani, Nancy; Widmer, Roland; Atadja,
Peter; Cohen, Dalia
CS Department of Functional Genomics, Novartis Pharmaceuticals, Summit, NJ,
07901, USA
SO Journal of Biological Chemistry (2002), 277(8), 6656-6666
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 56 MEDLINE DUPLICATE 4
AN 2002403993 MEDLINE
DN 22148548 PubMed ID: 12154036
TI Sulfonamide anilides, a novel **class** of **histone**
deacetylase inhibitors, are antiproliferative against
human tumors.
AU Fournel Marielle; Trachy-Bourget Marie-Claude; Yan P Theresa; Kalita Ann;
Bonfils Claire; Beaulieu Carole; Frechette Sylvie; Leit Silvana;
Abou-Khalil Elie; Woo Soon-Hyung; Delorme Daniel; MacLeod A Robert;
Besterman Jeffrey M; Li Zuomei
CS MethylGene, Inc., St. Laurent, Quebec, H4S 2A1 Canada.
SO CANCER RESEARCH, (2002 Aug 1) 62 (15) 4325-30.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200209
ED Entered STN: 20020803
Last Updated on STN: 20020912

Entered Medline: 20020911

L5 ANSWER 15 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:102736 HCAPLUS
DN 137:28815
TI Molecular cloning and characterization of a novel histone deacetylase HDAC10
AU Guardiola, Amaris R.; Yao, Tso-Pang
CS Department of Pharmacology and Cancer Biology, Duke University Medical Center, Durham, NC, 27710, USA
SO Journal of Biological Chemistry (2002), 277(5), 3350-3356
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 16 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:489114 HCAPLUS
DN 137:214035
TI The SUMO E3 ligase RanBP2 promotes modification of the HDAC4 deacetylase
AU Kirsh, Olivier; Seeler, Jacob-S.; Pichler, Andrea; Gast, Andreas; Muller, Stefan; Miska, Eric; Mathieu, Marion; Harel-Bellan, Annick; Kouzarides, Tony; Melchior, Frauke; Dejean, Anne
CS Unite de Recombinaison et Expression Genetique, INSERM U 163, Institut Pasteur, Paris, F-75724, Fr.
SO EMBO Journal (2002), 21(11), 2682-2691
CODEN: EMJODG; ISSN: 0261-4189
PB Oxford University Press
DT Journal
LA English
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 17 OF 56 MEDLINE DUPLICATE 5
AN 2002126499 MEDLINE
DN 21851295 PubMed ID: 11861901
TI Identification of HDAC10, a novel **class II human histone deacetylase** containing a leucine-rich domain.
AU Tong Jenny J; Liu Jianhong; Bertos Nicholas R; Yang Xiang-Jiao
CS Molecular Oncology Group, Department of Medicine, McGill University Health Center, 687 Pine Avenue West, Montreal, Quebec H3A 1A1, Canada.
SO NUCLEIC ACIDS RESEARCH, (2002 Mar 1) 30 (5) 1114-23.
Journal code: 0411011. ISSN: 1362-4962.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF426160
EM 200203
ED Entered STN: 20020226
Last Updated on STN: 20020312
Entered Medline: 20020311

L5 ANSWER 18 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:218646 HCAPLUS
DN 137:89361
TI Control of cytomegalovirus lytic **gene** expression by histone acetylation
AU Murphy, Jane C.; Fischle, Wolfgang; Verdin, Eric; Sinclair, John H.
CS Department of Medicine, University of Cambridge, Cambridge, CB2 2QQ, UK
SO EMBO Journal (2002), 21(5), 1112-1120
CODEN: EMJODG; ISSN: 0261-4189
PB Oxford University Press
DT Journal
LA English
RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:354044 BIOSIS
DN PREV200200354044
TI Interaction of CCAAT displacement protein/cut with a novel **class**
II histone deacetylase is associated with activation of p21WAF1/CIP1.
AU Walsh, Martin J. (1); Li, SiDe
CS (1) Pediatrics, Biochemistry and Molecular Biology, Mount Sinai School of
Medicine, One Gustave L. Levy Pl., Box 1656, New York, NY, 10029 USA
SO FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A361-A362.
http://www.fasebj.org/. print.
Meeting Info.: Annual Meeting of the Professional Research Scientists on
Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002
ISSN: 0892-6638.
DT Conference
LA English

L5 ANSWER 20 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:190336 HCAPLUS
TI Sulfonamide hydroxamic acids, A novel **class** of **histone**
deacetylase inhibitors, are antiproliferative against
human cancer cells
AU Delorme, Daniel; Lavoie, Rico; Bouchain, Giliane; Frechette, Sylvie; Woo,
Soon Hyung; Khalil, Elie Abou; Leit, Silvana; Fournel, Marielle; Yan, Pu
T.; Trachy-Bourget, Marie-Claude; Beaulieu, Carole; Li, Zuomei; Besterman,
Jeffrey
CS Medicinal Chemistry, Methylgene Inc., St-Laurent, Montreal, QC, H4S 2A1,
Can.
SO Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United
States, April 7-11, 2002 (2002), MEDI-217 Publisher: American Chemical
Society, Washington, D. C.
CODEN: 69CKQP
DT Conference; Meeting Abstract
LA English

=> d 21-30

L5 ANSWER 21 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2002:37496 HCAPLUS
DN 136:397725
TI Isolation and characterization of mammalian HDAC10, a novel histone
deacetylase
AU Kao, Hung-Ying; Lee, Chih-Hao; Komarov, Andrei; Han, Chris C.; Evans,
Ronald M.
CS Department of Biochemistry, School of Medicine, the Research Institute of
University Hospitals of Cleveland (UHC), Case Western Reserve University
(CWRU), Cleveland, OH, 44106, USA
SO Journal of Biological Chemistry (2002), 277(1), 187-193
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 56 SCISEARCH COPYRIGHT 2003 THOMSON ISI
AN 2002:410770 SCISEARCH
GA The Genuine Article (R) Number: 550QX
TI Chromosomal organization and localization of the **human**
histone deacetylase 9 gene (HDAC9)
AU Mahlknecht U (Reprint); Schnittger S; Will J; Cicek N; Hoelzer D
CS Univ Frankfurt, Med Ctr, Dept Hematol Oncol, Theodor Stern Kai 7, D-60590
Frankfurt, Germany (Reprint); Univ Frankfurt, Med Ctr, Dept Hematol Oncol,
D-60590 Frankfurt, Germany; Univ Munich, Grosshadern Med Ctr, Dept Med 3,
D-81377 Munich, Germany
CYA Germany
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (26 APR 2002) Vol.
293, No. 1, pp. 182-191.

Publisher: ACADEMIC PRESS ELSEVIER SCIENCE, 525 B ST, ST 900, SAN
DIEGO, CA 92101-4495 USA.
ISSN: 0006-291X.

DT Article; Journal
LA English

REC Reference Count: 43

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L5 ANSWER 23 OF 56 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:661607 HCAPLUS

DN 135:237612

TI cDNA and protein sequences of human enzyme molecules (HEMs) and their uses
in diagnosis and therapeutics

IN Tang, Y. Tom; Lu, Dyung Aina M.; Bandman, Olga; Yue, Henry; Azimzai,
Yalda; Lal, Preeti; Burford, Neil; Baughn, Mariah R.

PA Incyte Genomics, Inc., USA

SO PCT Int. Appl., 153 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064896	A2	20010907	WO 2001-US6806	20010301
	WO 2001064896	A3	20020404		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1259618	A2	20021127	EP 2001-914653	20010301
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2000-186307P	P	20000301		
	US 2000-192532P	P	20000328		
	US 2000-193578P	P	20000330		
	WO 2001-US6806	W	20010301		

L5 ANSWER 24 OF 56 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:185791 HCAPLUS

DN 134:204354

TI Crystal structure of a histone deacetylase-like protein from Aquifex
aeolicus and complexes with inhibitors

IN Pavletich, Nikola; Finnin, Michael; Donigian, Jill; Richon, Victoria;
Rifkind, Richard A.; Marks, Paul A.; Breslow, Ronald

PA Sloan-Kettering Institute for Cancer Research, USA; Trustees of Columbia
University in the City of New York

SO PCT Int. Appl., 329 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018045	A1	20010315	WO 2000-US24700	20000908
	WO 2001018045	C2	20021107		
	W:	CA, JP, US			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	EP 1212357	A1	20020612	EP 2000-968344	20000908
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY			
	JP 2003518923	T2	20030617	JP 2001-522267	20000908
	US 2003013176	A1	20030116	US 2002-95109	20020308
PRAI	US 1999-152753P	P	19990908		
	WO 2000-US24700	W	20000908		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 25 OF 56 MEDLINE DUPLICATE 6
AN 2001527220 MEDLINE
DN 21443773 PubMed ID: 11466315
TI **Human HDAC7 histone deacetylase** activity is
associated with HDAC3 in vivo.
AU Fischle W; Dequiedt F; Fillion M; Hendzel M J; Voelter W; Verdin E
CS Gladstone Institute of Virology and Immunology, University of California,
San Francisco, California 94141-9100, USA.
NC GM51671 (NIGMS)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Sep 21) 276 (38) 35826-35.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20011001
Last Updated on STN: 20030105
Entered Medline: 20011025

L5 ANSWER 26 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:914781 HCAPLUS
DN 136:193822
TI The histone deacetylase inhibitor suberoylanilide hydroxamic acid induces
differentiation of human breast cancer cells
AU Munster, Pamela N.; Troso-Sandoval, Tiffany; Rosen, Neal; Rifkind,
Richard; Marks, Paul A.; Richon, Victoria M.
CS Program in Cell Biology, Department of Medicine, Memorial Sloan-Kettering
Cancer Center, New York, NY, 10021, USA
SO Cancer Research (2001), 61(23), 8492-8497
CODEN: CNREA8; ISSN: 0008-5472
PB American Association for Cancer Research
DT Journal
LA English

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 27 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:170310 HCAPLUS
DN 134:337509
TI Stable histone deacetylase complexes distinguished by the presence of SANT
domain proteins CoREST/kiaa0071 and Mta-L1
AU Humphrey, Glen W.; Wang, Yonghong; Russanova, Valya R.; Hirai, Tazuko;
Qin, Jun; Nakatani, Yoshihiro; Howard, Bruce H.
CS Laboratory of Molecular Growth Regulation, NICHD, National Institutes of
Health, Bethesda, MD, 20892-2753, USA
SO Journal of Biological Chemistry (2001), 276(9), 6817-6824
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 28 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:695227 HCAPLUS
DN 136:258169
TI Histone deacetylase activity represses gamma interferon-inducible HLA-DR
gene expression following the establishment of a DNase
I-hypersensitive chromatin conformation
AU Osborne, Aaron; Zhang, Hongquan; Yang, Wen-Ming; Seto, Edward; Blanck,
George
CS Department of Biochemistry and Molecular Biology, College of Medicine,
Institute for Biomolecular Science, H. Lee Moffitt Cancer Center and
Research Institute, University of South Florida, Tampa, FL, 33612, USA
SO Molecular and Cellular Biology (2001), 21(19), 6495-6506

CODEN: MCEBD4; ISSN: 0270-7
PB American Society for Microbiology
DT Journal
LA English

RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 29 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:141057 HCAPLUS
DN 134:349844
TI CoREST is an integral component of the CoREST-human
histone deacetylase complex
AU You, Angie; Tong, Jeffrey K.; Grozinger, Christina M.; Schreiber, Stuart
L.
CS Molecular and Cellular Biology, Harvard University, Cambridge, MA, 02138,
USA
SO Proceedings of the National Academy of Sciences of the United States of
America (2001), 98(4), 1454-1458
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 30 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:322029 HCAPLUS
DN 136:48848
TI Transcriptional control at regulatory checkpoints by histone deacetylases:
molecular connections between cancer and chromatin
AU Wade, Paul A.
CS Department of Pathology and Laboratory Medicine, Emory University School
of Medicine, Atlanta, GA, 30322, USA
SO Human Molecular Genetics (2001), 10(7, Rev. Issue), 693-698
CODEN: HMGEE5; ISSN: 0964-6906
PB Oxford University Press
DT Journal; General Review
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 31-40

L5 ANSWER 31 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:494865 HCAPLUS
DN 135:164072
TI Structure of the histone deacetylase SIRT2
AU Finnin, Michael S.; Donigian, Jill R.; Pavletich, Nikola P.
CS Cellular Biochemistry and Biophysics Program, and Howard Hughes Med.
Inst., Memorial Sloan-Kettering Cancer Center, New York, NY, 10021, USA
SO Nature Structural Biology (2001), 8(7), 621-625
CODEN: NSBIEW; ISSN: 1072-8368
PB Nature America Inc.
DT Journal
LA English
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 32 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:199083 BIOSIS
DN PREV200200199083
TI Role of a novel Class II histone deacetylase in normal and
leukemia-associated transcriptional repression.
AU Petrie, Kevin R. (1); Guidez, Fabien (1); Howell, Louise (1); Healy, Lyn
(1); Waxman, Samuel; Greaves, Melvyn F. (1); Zelent, Arthur (1)
CS (1) Leukemia Research Fund Center, Institute of Cancer Research, London UK
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 1, pp. 568a.
<http://www.bloodjournal.org/>. print.

Meeting Info.: 43rd Annual Meeting of the American Society of Hematology,
Part 1 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.

DT Conference
LA English

L5 ANSWER 33 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:620395 HCAPLUS
DN 136:289632
TI Assignment of the **human histone deacetylase**
6 **gene** (HDAC6) to X chromosome p11.23 by in situ hybridization
AU Mahlknecht, U.; Schnittger, S.; Landgraf, F.; Schoch, C.; Ottmann, O. G.;
Hiddemann, W.; Hoelzer, D.
CS Department of Hematology/Oncology, University of Frankfurt, Frankfurt am
Main, D-60590, Germany
SO Cytogenetics and Cell Genetics (2001), 93(1-2), 135-136
CODEN: CGCGBR; ISSN: 0301-0171
PB S. Karger AG
DT Journal
LA English
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 34 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:151884 BIOSIS
DN PREV200200151884
TI Chromosomal organization and localization of the **human**
histone deacetylase 7B gene (HDAC7B).
AU Mahlknecht, Ulrich R. (1); Schnittger, Susanne; Cicek, Nurten (1);
Hoelzer, Dieter (1)
CS (1) Hematology/Oncology, University of Frankfurt Medical Center III,
Frankfurt Germany
SO Blood, (November 16, 2001) Vol. 98, No. 11 Part 2, pp. 128b-129b.
<http://www.bloodjournal.org/>. print.
Meeting Info.: 43rd Annual Meeting of the American Society of Hematology,
Part 2 Orlando, Florida, USA December 07-11, 2001
ISSN: 0006-4971.
DT Conference
LA English

L5 ANSWER 35 OF 56 MEDLINE DUPLICATE 7
AN 2001108906 MEDLINE
DN 20580341 PubMed ID: 11139331
TI The **human histone deacetylase** family.
AU Gray S G; Ekstrom T J
CS Laboratory for Molecular Development and Tumor Biology, Centre for
Molecular Medicine (CMM), Stockholm, S-171 76, Sweden..
Steven.Gray@vai.org
SO EXPERIMENTAL CELL RESEARCH, (2001 Jan 15) 262 (2) 75-83. Ref: 103
Journal code: 0373226. ISSN: 0014-4827.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200102
ED Entered STN: 20010322
Last Updated on STN: 20030214
Entered Medline: 20010208

L5 ANSWER 36 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:842378 HCAPLUS
DN 134:28252
TI Cancer-associated antigens from human T-cell leukemia, breast cancer and
ovarian cancer cDNA libraries
IN Kuimov, Alexander; Lagarkova, Marka; Koroleva, Ekaterina; Turetskaya,
Regina; Vdovichenko, Konstantin; Mescheryakov, Andrei; Litchinitser,
Mikhail; Kuprash, Dmitry; Nedospasov, Sergei; Tureci, Ozlem; Sahin, Ugur;

PA Pfruendschuh, Michael; Old, Lloyd J.; Knuth, Alex; Jager, El
SO Ludwig Institute for Cancer Research, USA
PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000072021	A2	20001130	WO 2000-US14391	20000524
	WO 2000072021	A3	20020404		
	W: AU, CA, CN, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1208380	A2	20020529	EP 2000-936286	20000524
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	JP 2003500072	T2	20030107	JP 2000-620358	20000524
PRAI	US 1999-320092	A	19990526		
	WO 2000-US14391	W	20000524		

L5 ANSWER 37 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:457097 HCAPLUS
DN 133:86104
TI Caspase-8 interacting proteins
IN Wallach, David; Schuchmann, Marcus; Goncharov, Tanya
PA Yeda Research and Development Co. Ltd., Israel
SO PCT Int. Appl., 131 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000039160	A2	20000706	WO 1999-IL698	19991223
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2321672	AA	20000706	CA 1999-2321672	19991223
	BR 9909252	A	20001128	BR 1999-9252	19991223
	EP 1058691	A1	20001213	EP 1999-961257	19991223
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	EE 200000487	A	20020215	EE 2000-487	19991223
	JP 2002536965	T2	20021105	JP 2000-591071	19991223
	NO 2000004167	A	20001019	NO 2000-4167	20000821
	BG 104707	A	20010430	BG 2000-104707	20000822
PRAI	IL 1998-127721	A	19981224		
	IL 1999-132105	A	19990928		
	WO 1999-IL698	W	19991223		

L5 ANSWER 38 OF 56 MEDLINE DUPLICATE 8
AN 2000270236 MEDLINE
DN 20270236 PubMed ID: 10748112
TI Cloning and characterization of a novel **human class I histone deacetylase** that functions as a transcription repressor.
AU Hu E; Chen Z; Fredrickson T; Zhu Y; Kirkpatrick R; Zhang G F; Johanson K; Sung C M; Liu R; Winkler J
CS Department of Renal Pharmacology, SmithKline Beecham Pharmaceuticals, King of Prussia, Pennsylvania 19403, USA.. erding_hu-1@sbphrd.com
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 May 19) 275 (20) 15254-64.
Journal code: 2985121R. ISSN: 0021-9258.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF230087
EM 200006
ED Entered STN: 20000629
Last Updated on STN: 20000629
Entered Medline: 20000621

L5 ANSWER 39 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:238471 BIOSIS
DN PREV200000238471
TI Cloning and characterization of a novel **human class I histone deacetylase**.
AU Hu, E. (1); Chen, Z. (1); Frederickson, T. (1); Zhu, Y. (1); Kirkpatrick, R. (1); Zhang, G.-F. (1); Sung, C.-M. (1); Liu, R. (1); Winkler, J. D. (1)
CS (1) SmithKline Beecham Pharm, King of Prussia, PA USA
SO Proceedings of the American Association for Cancer Research Annual Meeting, (March, 2000) No. 41, pp. 349.
Meeting Info.: 91st Annual Meeting of the American Association for Cancer Research. San Francisco, California, USA April 01-05, 2000
ISSN: 0197-016X.
DT Conference
LA English
SL English

L5 ANSWER 40 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:151033 HCAPLUS
DN 133:115830
TI Association of Histone Deacetylase with COUP-TF in Tumorigenic Ad12-Transformed Cells and Its Potential Role in Shut-Off of MHC **Class I** Transcription
AU Smirnov, Denis A.; Hou, Shihe; Ricciardi, Robert P.
CS Department of Microbiology, School of Dental Medicine, University of Pennsylvania, Philadelphia, PA, 19104, USA
SO Virology (2000), 268(2), 319-328
CODEN: VIRLAX; ISSN: 0042-6822
PB Academic Press
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 33 ab

L5 ANSWER 33 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AB The assignment of the **human histone deacetylase 6** HDAC6 was detd. by in situ hybridization. HDAC6 **gene** is a **class II** histone deacetylase. Metaphases were harvested from PHA-stimulated normal peripheral blood lymphocytes. The HDAC6 **gene** was mapped to human X chromosome, region p11.23.

=> d 41-50

L5 ANSWER 41 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2000:124522 HCAPLUS
DN 133:56795
TI Bcl-2 related proteins are dramatically induced at the early stage of differentiation in **human** liver cancer cells by a **histone deacetylase** inhibitor projecting an anti-apoptotic role during this period
AU Wakabayashi, Kanji; Saito, Hidetsugu; Ebinuma, Hirotoshi; Saito, Yoshimasa; Takagi, Tamako; Nakamura, Mitsuyasu; Umezawa, Akihiro; Hata, Jun-Ichi; Ishii, Hiromasa
CS Department of Internal Medicine, School of Medicine, Keio University, Tokyo, 160-8582, Japan

SO Oncology Reports (2000), 7 285-288

CODEN: OCRPEW; ISSN: 1021-335X

PB Oncology Reports

DT Journal

LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 42 OF 56 MEDLINE DUPLICATE 9

AN 2001080517 MEDLINE

DN 20386888 PubMed ID: 10926844

TI Cloning and characterization of a novel **human histone deacetylase**, HDAC8.

AU Buggy J J; Sideris M L; Mak P; Lorimer D D; McIntosh B; Clark J M

CS AXYS Pharmaceuticals, 180 Kimball Way, South San Francisco, CA 94080, USA.. joseph_buggy@axyspharm.com

SO BIOCHEMICAL JOURNAL, (2000 Aug 15) 350 Pt 1 199-205.

Journal code: 2984726R. ISSN: 0264-6021.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200101

ED Entered STN: 20010322

Last Updated on STN: 20010322

Entered Medline: 20010111

L5 ANSWER 43 OF 56 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

AN 2001:114340 BIOSIS

DN PREV200100114340

TI Cloning, structural characterization and chromosomal localization of the **human histone deacetylase 6 gene** (HDAC6.

AU Mahlknecht, Ulrich (1); Schnittger, Susanne; Ottmann, Oliver G. (1);

Schoch, Claudia; Hiddemann, Wolfgang; Hoelzer, Dieter (1)

CS (1) Department of Hematology/Oncology, University of Frankfurt Medical Center, Theodor-Stern-Kai 7, 60590, Frankfurt Germany

SO Onkologie, (October, 2000) Vol. 23, No. Sonderheft 7, pp. 159. print.

Meeting Info.: Annual Meeting of the German and Austrian Society for Hematology and Oncology Graz, Austria October 21-25, 2000

ISSN: 0378-584X.

DT Conference

LA English

SL English

L5 ANSWER 44 OF 56 HCAPLUS COPYRIGHT 2003 ACS

AN 2000:343762 HCAPLUS

DN 134:111866

TI Molecular analysis of a candidate metastasis-associated **gene**, MTA1: possible interaction with histone deacetylase 1

AU Toh, Y.; Kuninaka, S.; Endo, K.; Oshiro, T.; Ikeda, Y.; Nakashima, H.;

Baba, H.; Kohnoe, S.; Okamura, T.; Nicolson, G. L.; Sugimachi, K.

CS Dept. of Gastroenterologic Surgery, Kyushu University Faculty of Medicine, Fukuoka, Japan

SO Journal of Experimental & Clinical Cancer Research (2000), 19(1), 105-111

CODEN: JECRDN; ISSN: 0392-9078

PB Regina Elena Institute for Cancer Research

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 45 OF 56 MEDLINE DUPLICATE 10

AN 2000412083 MEDLINE

DN 20382728 PubMed ID: 10922473

TI Cloning and characterization of **human histone deacetylase 8**.

AU Van den Wyngaert I; de Vries W; Kremer A; Neefs J; Verhasselt P; Luyten W H; Kass S U

CS Department of Advanced Bio-technologies, Jansen Research Foundation,
Turnhoutseweg 30, 2340 Beerse, Belgium.
SO FEBS LETTERS, (2000 Jul 28) 478 (1-2) 77-83.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AJ239320; GENBANK-AL133500
EM 200008
ED Entered STN: 20000907
Last Updated on STN: 20000907
Entered Medline: 20000829

L5 ANSWER 46 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 2001:193693 HCAPLUS
DN 135:150748
TI Human tumor metastasis-associated MTA1 gene: Effects of
antisense oligonucleotides on cell growth
AU Nawa, A.; Sawada, H.; Nashimori, K.; Toh, Y.; Nicolson, G. L.
CS Department of Obstetrics and Gynecology, Nagoya University School of
Medicine, Nagoya, 466, Japan
SO International Journal of Medicine, Biology and the Environment (2000),
28(1), 33-39
CODEN: IMBEFQ; ISSN: 1128-935X
PB Medecine, Biologie, Environnement
DT Journal
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 47 OF 56 MEDLINE DUPLICATE 11
AN 1999238449 MEDLINE
DN 99238449 PubMed ID: 10220385
TI Three proteins define a class of human histone
deacetylases related to yeast Hda1p.
AU Grozinger C M; Hassig C A; Schreiber S L
CS Departments of Chemistry and Chemical Biology and Molecular and Cellular
Biology, Harvard University, 12 Oxford Street, Cambridge, MA 02138, USA.
NC GM38627 (NIGMS)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1999 Apr 27) 96 (9) 4868-73.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AF132607; GENBANK-AF132608; GENBANK-AF132609
EM 199906
ED Entered STN: 19990618
Last Updated on STN: 19990618
Entered Medline: 19990610

L5 ANSWER 48 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1999:697145 HCAPLUS
DN 132:31681
TI Transcriptional repression by wild-type p53 utilizes histone deacetylases,
mediated by interaction with mSin3a
AU Murphy, Maureen; Ahn, Jaimo; Walker, Kristen K.; Hoffman, William H.;
Evans, Ronald M.; Levine, Arnold J.; George, Donna L.; Murphy, Maureen;
Ahn, Jaimo; Walker, Kristen K.; Hoffman, William H.; Evans, Ronald M.;
Levine, Arnold J.; George, Donna L.
CS Department of Pharmacology, Fox Chase Cancer Center, Philadelphia, PA,
19111, USA
SO Genes & Development (1999), 13(19), 2490-2501
CODEN: GEDEEP; ISSN: 0890-9369
PB Cold Spring Harbor Laboratory Press
DT Journal
LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 49 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1999:725478 HCAPLUS
DN 132:30448
TI Apoptosis induced by the **histone deacetylase** inhibitor
 sodium butyrate in **human** leukemic lymphoblasts
AU Bernhard, David; Ausserlechner, Michael J.; Tonko, Martin; Loffler,
 Markus; Hartmann, Bernd L.; Csordas, Adam; Kofler, Reinhard
CS Division of Molecular Pathophysiology, Institute for General and
 Experimental Pathology, Innsbruck, A-6020, Austria
SO FASEB Journal (1999), 13(14), 1991-2001
 CODEN: FAJOEC; ISSN: 0892-6638
PB Federation of American Societies for Experimental Biology
DT Journal
LA English

RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 50 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1998:436756 HCAPLUS
DN 129:186042
TI SAP30, a novel protein conserved between human and yeast, is a component
 of a histone deacetylase complex
AU Zhang, Yi; Sun, Zu-Wen; Iratni, Rabah; Erdjument-Bromage, Hediye; Tempst,
 Paul; Hampsey, Michael; Reinberg, Danny
CS Division of Nucleic Acids Enzymology, University of Medicine and Dentistry
 of New Jersey, Piscataway, NJ, 08854, USA
SO Molecular Cell (1998), 1(7), 1021-1031
 CODEN: MOCEFL; ISSN: 1097-2765
PB Cell Press
DT Journal
LA English

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 51-56

L5 ANSWER 51 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1998:736077 HCAPLUS
DN 130:62805
TI Chromatin deacetylation by an ATP-dependent **nucleosome**
 remodeling complex
AU Tong, Jeffrey K.; Hassig, Christian A.; Schnitzler, Gavin R.; Kingston,
 Robert E.; Schreiber, Stuart L.
CS Howard Hughes Medical Institute, Harvard University, Cambridge, MA, 02138,
 USA
SO Nature (London) (1998), 395(6705), 917-921
 CODEN: NATUAS; ISSN: 0028-0836
PB Macmillan Magazines
DT Journal
LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 52 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1998:134100 HCAPLUS
DN 128:268882
TI Role of the histone deacetylase complex in acute promyelocytic leukemia
AU Lin, Richard J.; Nagy, Laszlo; Inoue, Satoshi; Shao, Wenlin; Miller,
 Wilson H., Jr.; Evans, Ronald M.
CS Howard Hughes Medical Inst., Salk Inst. Biological Studies, La Jolla, CA,
 92037, USA
SO Nature (London) (1998), 391(6669), 811-814
 CODEN: NATUAS; ISSN: 0028-0836
PB Macmillan Magazines
DT Journal

LA English

RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 53 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1997:650463 HCAPLUS
DN 127:315587
TI **Human histone deacetylase genes**
and their protein interactions and uses for the inhibition of cellular
proliferation and drug screening
IN Schreiber, Stuart L.; Taunton, Jack; Hassig, Christian A.; Jamison,
Timothy F.
PA President and Fellows of Harvard College, USA; Schreiber, Stuart L.;
Taunton, Jack; Hassig, Christian A.; Jamison, Timothy F.
SO PCT Int. Appl., 159 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9735990	A2	19971002	WO 1997-US5275	19970326
	WO 9735990	A3	19980326		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9729905	A1	19971017	AU 1997-29905	19970326
PRAI	US 1996-624735		19960326		
	WO 1997-US5275		19970326		
OS	MARPAT 127:315587				

L5 ANSWER 54 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1997:311582 HCAPLUS
DN 127:46628
TI Histone deacetylases and SAP18, a novel polypeptide, are components of a
human Sin3 complex
AU Zhang, Yi; Iratni, Rabah; Erdjument-Bromage, Hediye; Tempst, Paul;
Reinberg, Danny
CS Div. Nucleic Acid Enzymology, Dep. Biochem., Howard Hughes Med. Inst.,
Univ. Med. and Dentistry NJ, Robert Wood Johnson Med. Sch, Piscataway, NJ,
08854, USA
SO Cell (Cambridge, Massachusetts) (1997), 89(3), 357-364
CODEN: CELLB5; ISSN: 0092-8674
PB Cell Press
DT Journal
LA English

L5 ANSWER 55 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1994:572578 HCAPLUS
DN 121:172578
TI Trichostatin A induces morphological changes and gelsolin expression by
inhibiting **histone deacetylase** in human
carcinoma cell lines
AU Hoshikawa, Yutaka; Kwon, Ho Jeong; Yoshida, Minoru; Horinouchi, Sueharu;
Beppu, Teruhiko
CS Department of Biotechnology, University of Tokyo, Tokyo, 113, Japan
SO Experimental Cell Research (1994), 214(1), 189-97
CODEN: ECREAL; ISSN: 0014-4827
DT Journal
LA English

L5 ANSWER 56 OF 56 HCAPLUS COPYRIGHT 2003 ACS
AN 1993:207683 HCAPLUS
DN 118:207683

TI Histone deacetylase; A key yme for the binding of regulat proteins
to chromatin
AU Lopez-Rodas, Gerardo; Brosch, Gerald; Georgieva, Elena I.; Sendra, Ramon;
Franco, Luis; Loidl, Peter
CS Dep. Microbiol., Univ. Innsbruck - Med. Sch., Innsbruck, A-6020, Austria
SO FEBS Letters (1993), 317(3), 175-80
CODEN: FEBLAL; ISSN: 0014-5793
DT Journal
LA English

=> dis his

(FILE 'HOME' ENTERED AT 16:58:31 ON 26 JUN 2003)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 16:58:43 ON 26 JUN 2003

L1 14561 S HISTONE (2A) DEACETYLASE
L2 815 S L1 (5A) HUMAN
L3 138 S L2 AND CLASS
L4 122 S L3 AND (GENE OR DNA OR NUCLE?)
L5 56 DUP REM L4 (66 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	85.91	86.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 17:06:39 ON 26 JUN 2003